TL

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/759,786	01/12/2001	Ralf Hofmann	P-4596	2858

24209 7590 03/08/2006

GUNNISON MCKAY & HODGSON, LLP
1900 GARDEN ROAD
SUITE 220
MONTEREY, CA 93940

EXAMINER	
BATES, KEVIN T	
ART UNIT	**PAPER NUMBER**
2155	

DATE MAILED: 03/08/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/759,786	HOFMANN ET AL.	
	Examiner	Art Unit	
	Kevin Bates	2155	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *12 December 2005*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-23,28 and 29* is/are pending in the application.

4a) Of the above claim(s) *24-27* is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-23,28 and 29* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date *1-31-06*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

Response to Amendment

This Office Action is in response to a communication made on December 12, 2005.

The Information Disclosure Statement has been received on January 31, 2006.

Claims 1, 7, 14, 22, 28, and 29 have been amended.

Claims 1-29 are pending in this application.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-23 and 28-29 are rejected under 35 U.S.C. 102(e) as being anticipated by Muta (6286003).

Regarding claim 1, Muta teaches a method for presenting a runtime environment component service by a first computer system to a second computer system over a communication network (Column 8, lines 36 – 41), said method being performed by said first computer system and comprising:

generating a user interface infrastructure, on said first computer system, to receive graphic user interface events from a lightweight component on from said second

computer system (Column 9, lines 40 – 48) and to send remote graphic user interface commands to said lightweight component on said second computer system (Column 9, lines 48 – 52); wherein said remote graphic user interface commands are used in generating a user interface on said second computer system for a user of said runtime environment component service on said first computer system (Column 9, lines 40 – 52); and

using said user interface infrastructure to initialize said runtime environment component service on said first computer system wherein said runtime environment component service sends graphic user interface commands to said user interface infrastructure on said first computer system (Column 9, lines 40 – 52) wherein said second computer system comprises a client device (Column 6, lines 61 – 66) and said first computer system comprises a server device (Column 7, line 58 – Column 8, line 6).

Regarding claim 2, Muta teaches receiving by said user interface infrastructure a remote input action event via said communication network, said remote input action event being generated in said second computer system by said lightweight component corresponding to said runtime environment component service on said first computer system (Column 9, lines 40 – 48).

Regarding claim 3, Muta teaches transmitting an input event to said runtime environment component service by said user interface infrastructure in response to said remote input action event (Column 9, lines 40 – 48).

Regarding claim 4, Muta teaches processing said input event by said runtime environment component service (Column 9, lines 40 – 48).

Regarding claim 5, Muta teaches generating a graphic user interface command to said user interface infrastructure by said runtime environment component service (Column 9, lines 40 – 52).

Regarding claim 6, Muta teaches transmitting a remote graphic user interface command to said lightweight component by said graphic user interface infrastructure in response to said graphic user interface command (Column 11, lines 1 – 21).

Regarding claim 7, Muta teaches a method for presenting a runtime environment component service by a first computer system to a second computer system over a communication network (Column 8, lines 36 – 41), said method being performed by said first computer system and comprising:

receiving a remote input action command for a runtime environment component service on said first computer system via said communication network, said remote input action command being generated in said second computer system by a lightweight component corresponding to said runtime environment component service on said first computer system (Column 9, lines 40 – 48);

transmitting a local input action command to said runtime environment component service in response to said remote input action command (Column 9, lines 40 – 48);

processing said local input action command by said runtime environment component service (Column 9, lines 48 – 52);

generating a local output command by said runtime environment component service for a graphical user interface infrastructure on said first computer system; and

transmitting a remote output command to said lightweight component in response to said local output command (Column 9, lines 48 – 52) wherein said remote output command is used in generating a user interface on said second computer system for a user of said runtime environment component service on said first computer system comprises a client device (Column 6, lines 61 – 66) and said first computer system comprises a server device (Column 7, line 58 – Column 8, line 6).

Regarding claim 8, Muta teaches that said runtime environment component service is in an office application suite (Column 11, lines 1 – 21).

Regarding claim 9, Muta teaches receiving said local output command by a local window object on said first computer and in response generating said remote output command by said local window object (Column 11, lines 1 – 21).

Regarding claim 10, Muta teaches receiving said remote input action command by a local window object on said first computer system and in response generating said local input action command by said local window object (Column 9, lines 40 – 48).

Regarding claim 11, Muta teaches receiving said remote input action command by said local window object, and in response generating said local input action command by said local window object (Column 9, lines 40 – 48).

Regarding claims 12 and 13, Muta teaches that said remote input action command is a user interface event (Column 9, lines 40 – 48).

Regarding claim 14, Muta teaches a method (Column 8, lines 36 – 41) comprising:

receiving a command by a service executing on a server computer system to create an infrastructure for executing a runtime environment component service on said server computer system, wherein said command is from a component executing on a client user device (Column 9, lines 40 – 48); and

issuing an instruction on said server computer system to create an instance of a remote frame window on said client user device (Column 9, lines 48 – 52).

Regarding claim 15, Muta teaches generating an instance of a local window on said server computer system by said service, wherein said local window issues remote instructions to said remote window frame in response to instructions from said runtime environment component service (Column 9, lines 40 – 48).

Regarding claim 16, Muta teaches that querying said remote frame window by said local window to determine properties of said remote frame window (Column 11, lines 53 – 62).

Regarding claim 17, Muta teaches generating, on said server computer system, a local frame for said local window (Column 11, lines 53 – 62).

Regarding claim 18, Muta teaches receiving, by said local frame, a command from said client user device to load a document (Column 11, lines 53 – 62).

Regarding claim 19, Muta teaches issuing, in response to said command to load a document, a command by said local frame to said runtime environment component service to create an instance of a runtime environment component service window on said server computer system (Column 11, lines 53 – 62).

Regarding claim 20, Muta teaches issuing a command by said local frame to said runtime environment component service to load said document in said runtime environment component service window (Column 11, lines 53 – 62).

Regarding claim 21, Muta teaches issuing a command from said runtime environment component service to said local window to display said document (Column 11, lines 53 – 62).

Regarding claim 22, Muta teaches a method for enabling a user device to run a runtime environment component on another computer (Column 8, lines 36 – 41), said method comprising:

running a browser on said user device (Column 8, lines 36 – 41); and

running a lightweight component within said browser, wherein said lightweight component receives user input actions on said user device and generates corresponding user interface events to said another computer for processing by said runtime environment component on said another computer system (Column 9, lines 40 – 48), wherein said user device comprises a client device (Column 6, lines 61 – 66) and said another computer comprises a server device (Column 7, line 58 – Column 8, line 6).

Regarding claim 23, Muta teaches downloading said lightweight component into said user device (Column 8, lines 36 – 41).

Regarding claim 28, Muta teaches a computer program product comprising computer code for a method for presenting a runtime environment component service by a first computer system to a second computer system over a communication

network, said method being performed by said first computer system (Column 8, lines 36 – 41); said method comprising:

generating a user interface infrastructure, on said first computer system, to receive graphic user interface events a lightweight component on from said second computer system and to send remote graphic user interface commands to said lightweight component on said second computer system, wherein said remote graphic user interface commands are used in generating a user interface on said second computer system for a user of said runtime environment component service on said first computer system (Column 9, lines 40 – 48); and

using said user interface infrastructure to initialize said runtime environment component service on said first computer system wherein said runtime environment component service sends graphic user interface commands to said user interface infrastructure on said first computer system (Column 9, lines 48 – 52) wherein said second computer system comprises a client device (Column 6, lines 61 – 66) and said first computer system comprises a server device (Column 7, line 58 – Column 8, line 6).

Regarding claim 29, Muta teaches a computer program product comprising computer code for a method for presenting a runtime environment component service by a first computer system to a second computer system over a communication network (Column 8, lines 36 – 41), said method being performed by said first computer system and comprising:

receiving a remote input action command for a runtime environment component service on said first computer system via said communication network, said remote

input action command being generated in said second computer system by a lightweight component corresponding to said runtime environment component service on said first computer system (Column 9, lines 40 – 48);

transmitting a local input action command to said runtime environment component service in response to said remote input action command (Column 9, lines 40 – 48);

processing said local input action command by said runtime environment component service (Column 9, lines 40 – 52);

generating a local output command by said runtime environment component service for a graphical user interface infrastructure on said first computer system; and

transmitting a remote output command to said lightweight component in response to said local output instruction, wherein said remote output command is used in generating a user interface on said second computer system for a user of said runtime environment component service on said first computer system (Column 9, lines 48 – 52) and further wherein said second computer system comprises a client device (Column 6, lines 61 – 66) and said first computer system comprise a server device(Column 7, line 58 – Column 8, line 6).

Response to Arguments

Applicant's arguments with respect to claims 1-23 and 28-29 have been considered but are moot in view of the new ground(s) of rejection.

In response to the applicants argument that the restriction was improper due to the idea that the claims were previously rejected under the same art which would prove

that there is no burden on the examiner, the examiner disagrees, as amendments were made to narrow the scope of the invention the differences in the two inventions became more apparent in the divergent material and classification would have placed a burden on the examiner to search for the material in the two separate classes and art.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin Bates whose telephone number is (571) 272-3980. The examiner can normally be reached on 8 am - 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on (571) 272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

KB

KB
March 3, 2006

SALEH NAJJAR
SUPERVISORY PATENT EXAMINER